

Vermont Mental Health Performance Indicator Project

DDMHS, Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601 (802-241-2638)

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani, Sheila Pomeroy, Christine Van Vleck, and Monica Simon

DATE: March 28, 2003

RE: Involuntary Inpatient Care: 1990 – 2002

The attached graphs provide an overview of non-forensic involuntary inpatient psychiatric care provided in Vermont during January 1990 through December 2002. Data on involuntary inpatient mental health services for the 19 calendar quarters before the advent of involuntary hospitalization in community hospitals is included to provide a context in which the 33 calendar quarters of expanded involuntary inpatient care may be considered. Three measures of the utilization of involuntary care are provided: episodes of care, patient days, and individuals served. These measures are provided for the Vermont State Hospital (VSH) and for designated community hospitals. The designated community hospitals include Fletcher Allen, Central Vermont Hospital, Rutland Regional Medical Center, the Windham Center, and the Brattleboro Retreat.

An episode of involuntary care in a community hospital is defined by an order for emergency examination and includes all hospital days until a conversion to voluntary or a discharge. An episode of involuntary care in VSH is defined by a patient's legal status on admission and includes all days in residence during the reporting quarter. This analysis includes all admissions for emergency examination, admissions under a warrant for immediate examination, revocations of conditional release or order of non-hospitalization, and other non-forensic involuntary legal status. Hospital stays following voluntary admissions or forensic admissions to VSH are not included in this analysis. Data used in this analysis were obtained from the DDMHS Emergency Examination Database and the Vermont State Hospital Database.

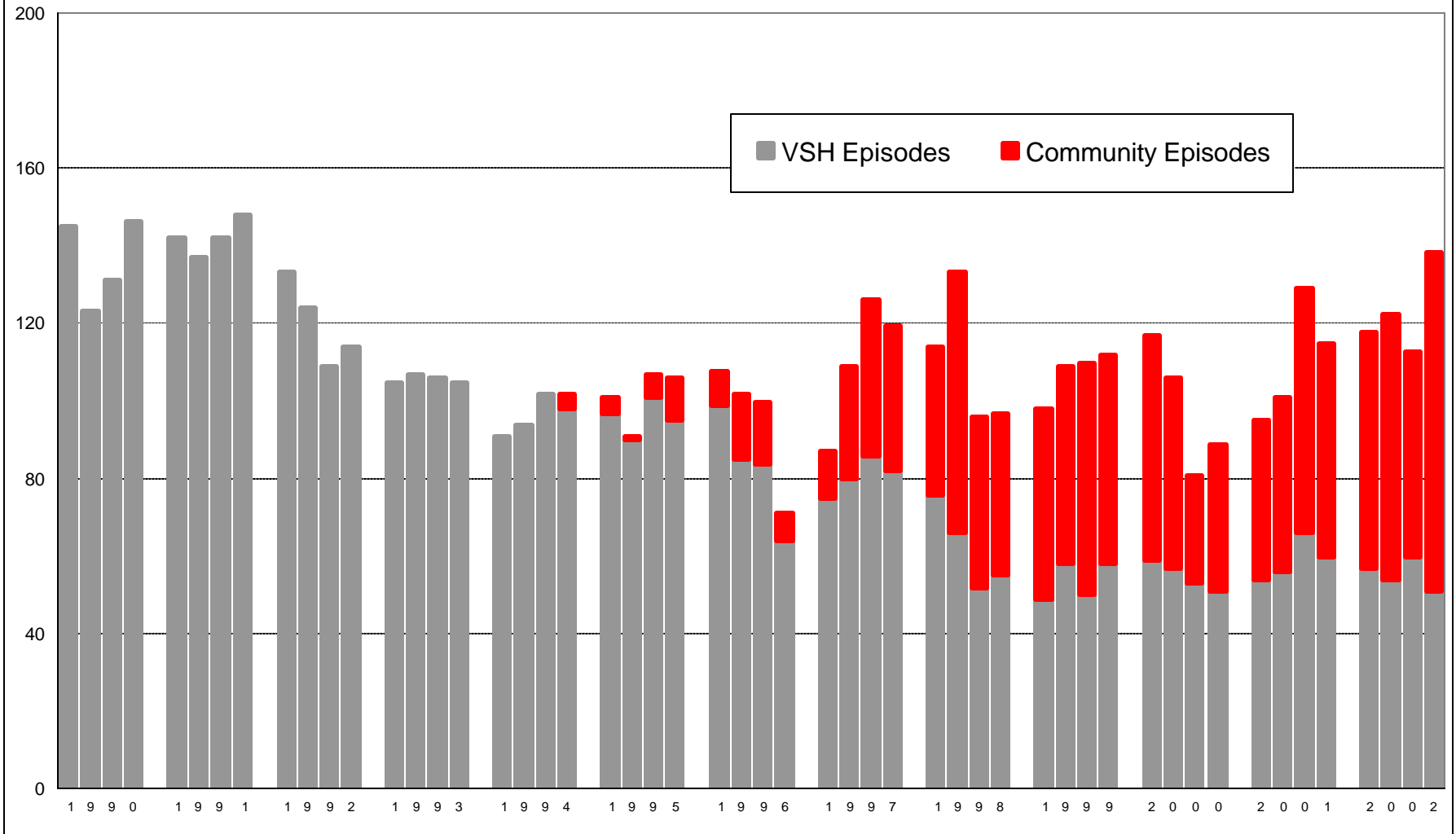
As you will see, episodes of involuntary inpatient care in the Vermont State Hospital were decreasing somewhat during the period before involuntary hospitalization in community hospitals. During this period involuntary episodes decreased at a rate of 2.9 episodes per quarter ($p < .001$). The total number of episodes (including both VSH and community hospitals) since that time, however, has increased slightly (0.5 episodes per quarter, $p < .05$).

The number of VSH involuntary patient days was decreasing at a rate of 194 days per quarter ($p < .001$) during the period before involuntary hospitalization in community hospitals. The total number of patient days (including both VSH and community hospitals) has continued to decline since that time, although at a slower rate (41 days per quarter; $p < .001$).

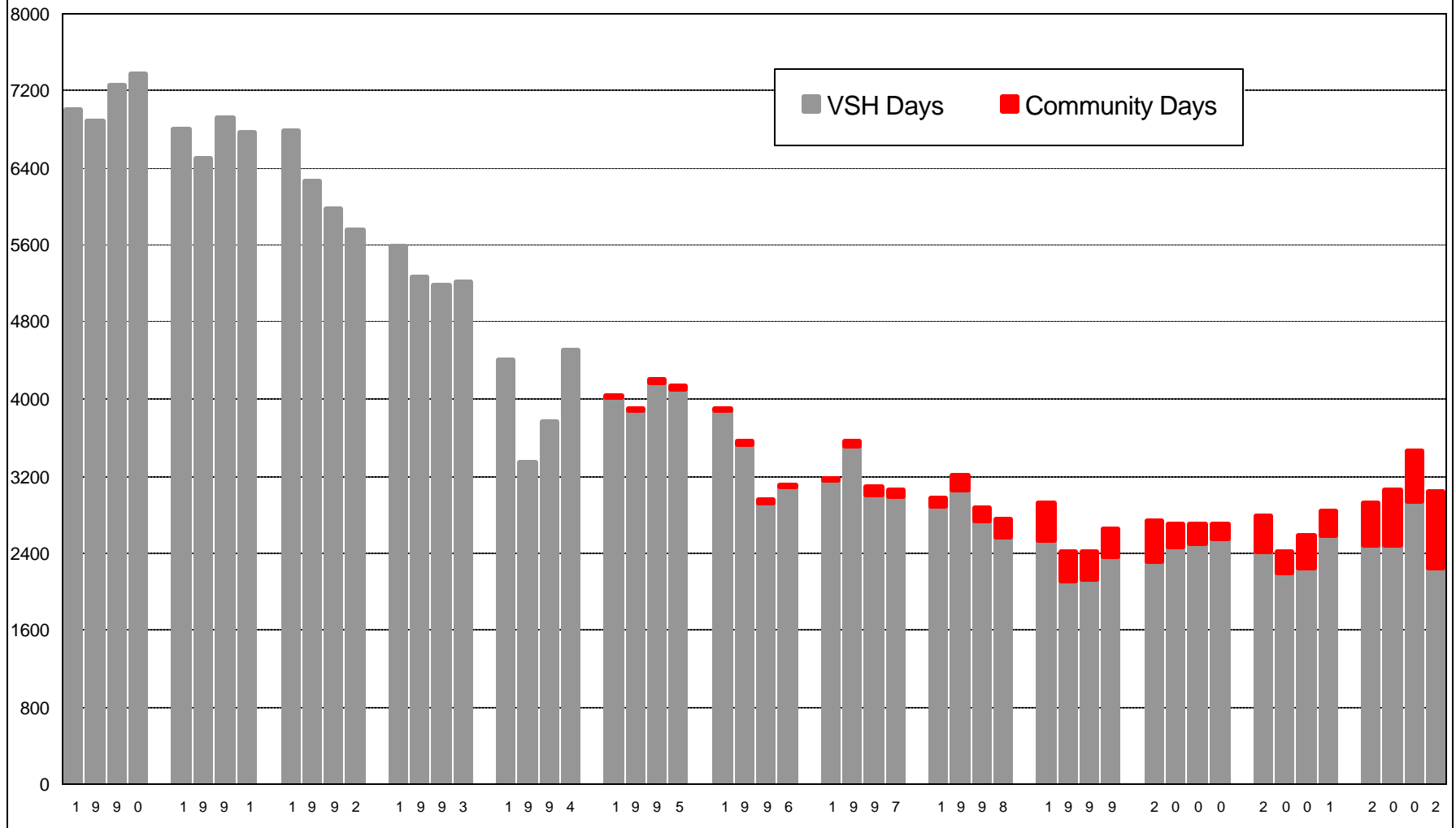
Finally, the total number of people who received involuntary inpatient care each quarter decreased at a rate of 2.8 people per quarter ($p < .001$) during the period before involuntary hospitalization in community hospitals. The total number of people with involuntary inpatient in VSH and/or community hospitals has not changed at a statistically significant rate (0.2 people per quarter, $p=.30$) since the advent of involuntary treatment in community hospitals.

We will appreciate your comments and suggestions regarding the form and content of this report. We plan to publish similar reports periodically in the future. We will also appreciate any requests for further analysis of these data that you may have. Please forward your comments, suggestions, and requests to pip@ddmhs.state.vt.us or 802-241-2638.

Number of Episodes Involuntary Inpatient Mental Health Services Vermont: 1990 - 2002



Number of Days Involuntary Inpatient Mental Health Services Vermont: 1990 - 2002



**Unduplicated Number of People
Receiving Involuntary Inpatient Mental Health Services
Vermont: 1990 - 2002**

Legend: VSH Only (Gray), Both (Hatched), Community Only (Red)

Year	VSH Only	Both	Community Only	Total
1990	138	0	0	138
1991	123	0	0	123
1992	128	0	0	128
1993	143	0	0	143
1994	137	0	0	137
1995	132	0	0	132
1996	139	0	0	139
1997	130	0	0	130
1998	121	0	0	121
1999	105	0	0	105
2000	105	0	0	105
2001	106	0	0	106
2002	99	0	0	99
1993	88	0	0	88
1994	93	0	0	93
1995	95	0	0	95
1996	98	0	0	98
1997	97	0	0	97
1998	89	0	0	89
1999	89	0	0	89
2000	90	0	0	90
2001	96	0	0	96
2002	96	0	0	96
1997	64	12	22	98
1998	70	10	15	95
1999	73	10	12	95
2000	66	12	16	94
2001	63	13	18	94
2002	58	14	21	93
1998	52	18	28	98
1999	48	20	30	98
2000	45	22	30	97
2001	42	24	30	96
2002	40	26	28	94
1999	38	10	31	79
2000	49	8	22	79
2001	44	10	25	79
2002	41	12	26	79
2000	43	10	30	83
2001	45	12	28	85
2002	44	14	27	85
2003	44	14	27	85
2004	44	14	27	85
2005	44	14	27	85
2006	44	14	27	85
2007	44	14	27	85
2008	44	14	27	85
2009	44	14	27	85
2010	44	14	27	85
2011	44	14	27	85
2012	44	14	27	85
2013	44	14	27	85
2014	44	14	27	85
2015	44	14	27	85
2016	44	14	27	85
2017	44	14	27	85
2018	44	14	27	85
2019	44	14	27	85
2020	44	14	27	85
2021	44	14	27	85
2022	44	14	27	85